

ABSTRACT

5 The present invention provides a method for the generation of novel libraries of encoded magnetic particles from sub-libraries of by the generation of novel sub-libraries of magnetic nanoparticles and encoded particles. The sub-libraries are functionalized on demand are useful in the formation of arrays. The present invention is especially useful for performing multiplexed (parallel) assays for qualitative and/or quantitative analysis of binding interactions
10 of a number of analyte molecules in a sample.